

THE ART AND SCIENCE OF DEFIBRILLATION™

Lifeline PRO



Introducing Lifeline PRO

Advanced technology • Professional capabilities
Award-winning design • Robust and durable • Fully featured
Easy-to-use and maintain • Fully configurable




defibtech
Life-Saving Technology Within Reach

NOT YET AVAILABLE FOR SALE


Introducing Lifeline PRO

Meet the AED that's taking easy-to-use to a whole new level. The Lifeline View family of defibrillators are the first and only AEDs with video in full-motion color. The Lifeline PRO offers professional responders full manual capabilities. With award-winning design, durability, and easy maintenance — backed by the Defibtech commitment to innovation and excellence — we can guarantee you've never seen an AED like this before.


Video

 They say a picture is worth a thousand words; now multiply that with the power of video. The Lifeline PRO has a large, full-color interactive display that gives you a fully manual mode that displays the ECG and allows full control of shock energy and delivery or an AED mode that gives step-by-step instructions for performing CPR, rescue breathing and external defibrillation.

Showing How to Save Lives and Giving You the Confidence to Do It


 Saving lives, while rewarding, can be stressful. Even if you are trained, in an emergency situation, will you remember what to do and how to do it? The Lifeline PRO, in AED mode, has videos that show you how to perform a specific part of a rescue, or can display the ECG.

A Personal Coach at Your Side

 While you are in the middle of the rescue, you may not remember how many compressions to provide and the timing between each one. The Lifeline PRO has a built-in metronome that counts out the beat so you know what to do and when to do it.



Real Time Protocol Selection

 Not all rescuers are the same. Some people do compression-only CPR. Others may be trained to do both compression and rescue breathing. Real Time Protocol Selection allows you to switch over from one to both without skipping a beat, giving you the comfort and confidence to deliver emergency care your way.

Is Your Device Ready for Rescue?

The One Touch Status Screen Lets You Know



When sudden cardiac arrest strikes, there is no time to lose. You need to be sure that your AED is ready for rescue. Most other AEDs only signal when there's a problem. The Lifeline PRO's one touch status screen gives you everything you need to know that the unit is up to date and in working order — without turning it on.

Ruggedness and Durability



The PRO's ruggedness is measured by a specific set of criteria. It is one tough little unit, coming out on top in some of the most demanding environmental tests.

Manual Override for Professional Use



The Lifeline PRO allows the professional responder full manual control over shock energy and shock delivery. The ECG is clearly displayed on a large, brightly lit, high-resolution color display.


Award-Winning Ergonomic Design




Compact, portable and lightweight — under three pounds — the Lifeline PRO represents the newest generation in a family of defibrillators that have won a number of industry awards for design and innovation.




Easy to Maintain

 One of the major problems with most AEDs is maintenance. Not with the Lifeline PRO. The status screen gives you up to the minute information on maintenance if it's required. In addition, built-in video help gives you easy, step-by-step guidance on maintenance that supplements the user manual. Proactive reporting monitors the status of the device and its components.


Easy to Upgrade

 As protocols change over time, your unit can be upgraded in the field through a USB cable or a data card.

Easy to Record and Transfer Data

 Data from the unit can be recorded or retrieved from the device using a card or USB cable.

Safe and Effective Life-Saving Technology

 The Lifeline PRO uses biphasic technology, a clinically proven waveform and algorithm to deliver shocks and save lives. This is one of the most widely used impedance compensated waveforms which has extensive clinical experience and success in thousands of defibrillators around the world. Evaluation in hundreds of publications has demonstrated this technology to be the safest and most effective when it comes to saving lives.

Corporate Focus and Commitment — The Defibtech Tradition of Excellence Continues

 With more than 125,000 units in the field, Defibtech has drawn accolades for its commitment to save lives by producing the best AEDs medical technology can offer. Defibtech is an industry leader with sound technology and sound finances that constantly drive research and innovation to the next level of excellence.

Life-saving design

At Defibtech, we've designed our line of AEDs to offer industry-leading innovation, simplicity and elegance. They're sophisticated enough to meet the needs of the most demanding first responders. Yet they're also incredibly easy to use — so even untrained individuals can quickly and effectively save lives. Our AEDs feature:

Brilliant Design. With bright yellow-and-black coloring and attractive, sleek curves, our AEDs invite prominent display and aren't intimidating to users.

Latest Technology. Our AEDs use biphasic defibrillation, which is extremely effective at resuscitating patients in ventricular fibrillation, the most common form of Sudden Cardiac Arrest, on the first shock. Our units also feature cutting-edge display monitors and step-by-step audio instructions—which make it easier than ever to use the device in an emergency.

Light Weight and Durable. Even a child could carry our AEDs, which weigh less than three pounds. Plus, our devices are tested to U.S. Military “drop and shock” specifications.

The Defibtech philosophy

In designing and producing our unique line of AEDs, Defibtech relies on these distinct, yet complementary, capabilities:

Superior Value. Defibtech delivers AEDs with professional specifications at consumer prices.

Technical Innovation. Our team of engineers includes some of the most intelligent and experienced in the industry. As individuals and as a team, our engineers are committed to continually innovating — and raising the bar for the AED marketplace.

Design for the Real World. Defibtech designs and produces features and functions that are truly useful and usable.

Customer Commitment. The company is committed to enabling users to save lives through products that are powerful yet simple and easy to use.

Lifeline PRO Semi-Automatic Defibrillator with Manual Override

TECHNICAL SPECIFICATIONS*

OPERATING MODES

AED MODE: With Video Display (animated instructions and CPR coaching) or with ECG Display.	MANUAL MODE: Displays high-resolution ECG data and event information and defibrillation energy selection from 25-200 Joules with charge, shock and disarm control.	ECG MONITOR MODE: Displays high-resolution ECG data and event information (with 3-lead electrodes).
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DEFIBRILLATOR

TYPE Semi-Automatic external defibrillator with Manual Override	CHARGE TIME** Less than 4 seconds (shock decision to shock)
MODEL DDU-2400 series	DISPLAY High-resolution color LCD
WAVEFORM Biphasic Truncated Exponential (Impedance compensated)	VIDEO PROMPTS Full motion video On-screen text prompts
ENERGY AED Mode: Adult: 150 Joules Child / Infant: 50 Joules (Nominal into 50 Ohm load) Manual Mode: User selectable from 25-200 Joules (Nominal into 50 Ohm load)	CPR COACHING Video and voice coaching On-demand video help
CONTROLS Lighted On/Off button Lighted Shock button Menu Selection buttons	VOICE PROMPTS Extensive voice prompts guide user through operation of the unit
	RESCUE PROTOCOL AHA/ERC 2010 Supports protocol updates by the user (password protected)

**Typical, with new battery at 25° C

PATIENT ANALYSIS SYSTEM

PATIENT ANALYSIS Automatically evaluates patient impedance for proper pad contact. Monitors signal quality and analyzes patient ECG for shockable/non-shockable rhythms.	SENSITIVITY/SPECIFICITY Meets AAMI-DF-80 specifications and AHA recommendations
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BATTERY PACK

MODEL DBP-2003	CAPACITY** 125 shocks or 8 hours continuous operation
POWER 12V, 2800 mAh	STANDBY LIFE** 4 years
TYPE Lithium/Manganese Dioxide Disposable, recyclable, non-rechargeable	LOW BATTERY INDICATORS Visible Audible

**Typical, with new battery at 25° C

SELF TESTS

AUTOMATIC Automatic daily, weekly and monthly circuitry tests	USER-INITIATED Unit and battery pack system test initiated by the user
BATTERY INSERTION System integrity test on battery insertion	STATUS INDICATION Visual and audible indication of unit status
PAD PRESENCE Pads preconnected tested daily	STATUS SCREEN Unit self-test results Pads and battery information (status and expiration)

DEFIBRILLATION / MONITORING PADS

MODEL Adult – DDP-2001 Child / Infant – DDP-2002	SURFACE AREA 77 cm² (nominal, each pad) 50 cm² (nominal, each pad)
TYPE Pre-connected, single-use, non-polarized, disposable, self-adhesive electrodes with cable and connector	

EVENT DOCUMENTATION

INTERNAL EVENT RECORD Critical ECG segments and rescue event parameters are recorded (greater than 60 minutes) and can be downloaded to a removable data card	REMOVABLE STORAGE (optional) Up to 30 hours of ECG and event data storage (no audio option) or up to 3 hours of audio (audio option). ECG and event storage on a removable data card. Actual length of storage is dependent on card capacity.
PC-BASED EVENT REVIEW ECG with event tag display, and audio playback when available	USB PORT Event download and maintenance operations

ENVIRONMENTAL

TEMPERATURE Operating: 0 to 50°C (32 to 122°F) Standby: 0 to 50°C (32 to 122°F)	SHOCK / DROP ABUSE TOLERANCE MIL-STD-810F 516.5 Procedure IV 48 inches (1.2 meters), any edge, corner, or surface, in standby mode
RELATIVE HUMIDITY Operating / Standby: 5%-95% (non-condensing)	CRUSH TEST 1,000 pounds (450 kg)
ALTITUDE -500 to 15,000 ft (-150 to 4500 m) per MIL-STD-810F 500.4 Procedure II	SEALING / WATER RESISTANCE IEC60529 class IP55; Protected against dust and waterjets (battery pack installed)
VIBRATION Ground (MIL-STD-810F 514.5 Category 20) Helicopter (RTCA/DO-160D, Section 8.8.2, Cat R, Zone 2, Curve G) Jet Aircraft (RTCA/DO-160D Section 8. Cat H, Zone 2, Curves B & R)	ESD EN61000-4-2: (Open air up to 8kV or direct contact up to 6kV)
	EMC (Emission) CISPR 11 Group 1 Level B and FCC Part 15
	EMC (Immunity) IEC 61000-4-3 and IEC 61000-4-8

PHYSICAL

SIZE 7.3 x 9.5 x 2.3 Inches (18.5 x 24 x 5.8 cm)	WEIGHT (with battery) Less than 3 lbs (1.4 kg)
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Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.